

WALLOPS MISSION LAUNCH COMMAND CENTER, IFB NNG15539892R

INDUSTRY QUESTIONS

1. I am inquiring about information regarding commissioning for the Mission Launch Command Center at Wallops Flight Facility. We were very interested in providing commissioning services to give the new Command Center the desired LEED silver certification that your project requires. As a potential third-party member of this project we were just interested to see if hiring a third-party commissioning firm was the route you were planning to take to complete the commissioning and LEED certification for the building or if the construction manager would be the one in charge of providing the commissioning services. We are very interested in providing the commissioning services for your new project so any information on how the hiring of the commissioning firm will be done would be greatly appreciated.

NASA RESPONSE: The Government has a commissioning company under contract for the Mission Launch Command Center.

2. Specification 08 71 00 Door Hardware - Please confirm type of locksets, cylindrical or mortise.

NASA RESPONSE: Cylindrical locksets as indicated in the hardware schedule on sheet A-501. Mortise locksets shall only be required where appropriate for the balance of the door hardware being used (i.e. panic hardware where specified for storefront systems if required by the storefront manufacturer).

3. Hardware set 2 asks for auto door openers, but on electrical documents it does not indicate. Please advise.

NASA RESPONSE: For HW-2, the General Contractor shall coordinate the electrical requirements for auto door operators with the electrical sub-contractor for a completely functional and working system upon completion. This info is located on drawing E-100 (DO) and drawing E-001 electrical legend which calls out the power of 5amps.

4. On electrical units, we are pricing electrical strikes, on doubles it will be electric hinge, strike, and raceway in door. Please verify if this is correct.

NASA RESPONSE: This is correct.

5. Doors 112A and 115A, set 11 – please confirm that a storeroom lock, an electric strike and a CDX10 is required.

NASA RESPONSE This is correct.

6. Is it necessary to submit information/personal data for approval regarding the person we plan to have hand deliver our proposal for the above referenced Solicitation? If so what info is needed and what is the cut-off date to have this info submitted by?
- NASA RESPONSE: It is not necessary to submit information regarding the person planned to deliver the bid. In accordance with the Notice to All Bidders, all persons requiring access to the facility for the actual bid opening must be U.S. citizens or Permanent Resident Aliens with the appropriate identification in hand.
7. Dwg C-100, general note 10, states that all Marsden mating shall be removed and disposed of properly. It also states this mating may cover the entire site. So that all bids submitted are equal in scope, will NASA be providing a quantified scope for this phase of work, or are we to assume that Marsden mating covers the entire construction site at a depth of 12” and all is to be removed and disposed of?
- NASA RESPONSE: The Government estimate of the percentage of the construction site that contains Marsden mating is 35%.
8. Dwg C-100, general note 11, refers you to specification 02 81 00 – Transportation and Disposal of Hazardous Materials, and specification 02 82 16.00 20 which is for Engineering Control of Asbestos Containing Materials. Specifications 02 81 00 and 02 82 16.00 20 have not been provided with the contract documents. Further no Hazardous materials survey or the requirement to remove any hazardous materials has been found in the contract documents. Is there any Asbestos, Lead or other hazardous materials to be removed and disposed of for this project? If so will a Survey and the indicated specifications be provided?
- NASA RESPONSE: There are no known hazardous materials on the construction site.
9. Dwg C-101, construction notes 27, 28, and 29 are all followed by the indication NIC (not in contract) and detail for cantilevered gate on C-402 states gate is by others. However, specification section 32 31 13, Chain Link Fences and Gates, and the requirement for material submittals are found in the contract documents. Is the Fencing and Gates to be provided by others or is it part of this contract to be provided by the contractor?
- NASA RESPONSE: The Fence and Gates are not a part of this contract. They are shown for possible installation at a later date.
10. Per para 2.22 TELECOMMUNICATIONS SYSTEM, SECTION 26 20 00, Page 23 and SECTION 27 05 28.36 40 CABLE TRAYS FOR COMMUNICATIONS SYSTEMS it appears that just a pathway is being provided. The specs or drawings (E-103, E-201, or E-400) do not state whether the low voltage or ISP or

OSP cabling is provided by others. Is any low voltage, ISP or OSP cabling to be provided by the contractor or will this be provided by others?

**NASA RESPONSE:** Raceway systems and cable tray are to be provided by the Contractor. Low voltage Cabling is by others.

11. Will there be any landscaping, planting or irrigation needs for this project? If so will a plant list or plan be issued?

**NASA RESPONSE:** There are no landscaping or irrigation requirements other than grading and grass seeding.

12. The Wage determination provided with this solicitation does not include a wage for “Glaziers”. Will a wage pre-determination be provided for this labor classification?

**NASA RESPONSE:** As the correct wage determination is included in the solicitation, the bidder should base his bid on current wages paid for the skill of worker. After award of the contract a wage conformance can be requested.

13. Dwg A-201 note pointing to horizontal sun shade states to see detail 5/A-903. Detail 5/A-903 refers to a metal panel corner detail. Please provide detail as referenced for sun shade.

**NASA RESPONSE:** Sunshade detail located on storefront details, drawing 2/A-503.

14. Specifications provided with the contract documents do not contain a specification section for the Horizontal Sun Shades. Please provide required specification section.

**NASA RESPONSE:** Basis of design for sunshade is Versoleil™ SunShade – Outrigger system by Kawneer.

15. Are all Solar Shades to be motorized as specified in specification SECTION 12 24 13 Page 2, Para 1.5.1.1?

**NASA RESPONSE:** Yes, all solar shades are to be motorized as specified.

16. Finish schedule on Dwg A-501 indicates Solar Shades are to be provided in rooms 101 and 110. However, on Dwg A-502, note pertaining to “frame types” states that ALL STOREFRONT GLASS TO RECEIVE SOLAR SHADES AS SPECIFIED. This would indicate that all storefronts in room 100 would also be provided with Solar Shades. Please advise.

**NASA RESPONSE:** Exterior (non-entry) wall only of vestibule 100 shall receive solar shade.

17. Are storefront door lites also to be provided with Solar Shades?  
NASA RESPONSE: No, storefront door lites are not to be provided with Solar Shades.
18. Finish schedule on Dwg A-501 indicates “Window Blinds” are to be provided for rooms 113, 116, and 118. Specifications provided with the contract documents do not contain a specification section for Window Blinds. Please provide required specification section.  
NASA RESPONSE: Window Blinds specifications will be added. Specification Section 12 21 00 will be incorporated via Amendment 1.
19. Are rooms 113, 116, and 118 door lites also to be provided with Window Blinds?  
NASA RESPONSE: Yes, the door lites in rooms 113, 116, and 118 are also to be provided with window blinds.
20. Can you please let me know if there are any drawings for the wet pipe sprinkler system that is mentioned in the specifications for the new construction of the Mission Launch Command Center?  
NASA RESPONSE: Sprinkler design, including drawings, are to be performed by the Contractor. Reference Sprinkler Performance Notes, Drawing P-001 and Drawing P-100.
21. Your bid documents Section 23 82 02.00 20 list a VRF (Variable Refrigerant Flow) Air Conditioning System by Mitsubishi Electric City Multi. Is Mitsubishi the only approved manufacturer for this VRF HVAC system for your project? Also, in spec section 23 82 02.00 20 paragraph 1.2.4.d Warranty, the specs calls for the manufacturer to have 29 years of HVAC experience in the US Market. Can this be revised to require only 10 years of HVAC experience?  
NASA RESPONSE: The bids need to be per specification. Requests for substitution will be considered via the submittal process after contract award. Specification Section 23 82 02.00 20 will be revised to state Mitsubishi or approved equal and to reduce the years of HVAC experience required to 10 years and will be incorporated via Amendment 1.
22. Is there a bidders list for the project?  
NASA RESPONSE: No bidders list for project will be provided. A list of the site visit attendees was posted to Fedbizopps.gov. In addition, there is an interested parties list on Fedbizopps.gov that you can review.
23. Specification 09 90 00, page 22 item D - states epoxy coating for concrete floors in rooms 126 & 127 no mention of wall base. Finish schedule states sealed concrete floors for those rooms no mention of wall base. Are floors in rooms 126

and 127 to receive concrete sealer or epoxy coating and is any wall base to be provided?

NASA RESPONSE: Sealed concrete and rubber base are required in rooms 126, 127 & 128. The Gypsum wallboard is to be moisture resistant in these rooms. The Finish Schedule on Drawing 17127, Sheet A-501 will be revised to add the rubber base and moisture resistant gypsum wallboard requirement and will be incorporated via Amendment 1.

24. We would like to confirm if the AIA Document A310 Bid Bond is the required form for the bid?

NASA RESPONSE: Standard Form 24, Bid Bond, is the preferred form for the bid bond.

25. Please provide wage rates for roofers and sheet metal workers.

NASA RESPONSE: See response to question #12.

26. Plan sheets C-101 and C-102 show a paving detail for the base bid as well as 2 options addressing the parking areas. The 2 options are permeable concrete and permeable asphalt. How are these going to be handled on the Bid Schedule (page 4) when there is only Bid Option 1 to handle both paving options?

NASA RESPONSE: The asphalt pavement and permeable concrete are part of bid Option 1. There is no permeable asphalt pavement specified on the plans.

27. Plan Sheet C-101, item 12A. Is the standard parking lot paving an option? Or is this to be bid as stone parking lot on the base bid?

NASA RESPONSE: Item 12A, parking lot and access road, is a Bid Option. The Base Bid does not include a stone parking lot.

28. Plan Sheet C-101, items 17A, 18A, 19A and 22A. Are these concrete items to be in the base bid or are these items options?

NASA RESPONSE: Items 17A, 18A, 19A and 22A are Bid Options.

29. Plan Sheet C-102, item 3A. Is the standard inlet an option or base bid? Also 16A and 17A? If these are options, how are they to be addressed on page 4 of the Bid Schedule under Bid Option 1?

NASA RESPONSE: Items 3A, 16A and 17A are options. Note that all items denoted with 'A' are part of bid Option 1.

30. The 08 41 13 specifications call out for Hurricane Impact Resistant entrances and framing but the 08 81 00 Glazing section does not have impact resistant insulated glass specified. See paras 2.2 / 2.2.1 / 2.2.2. Normally the insulated impact glass will be 1 5/6" Thick in the fixed framing and up to 9/16" thick in the doors.

These units should contain a laminated glass. Please advise glass make up.

NASA RESPONSE: All exterior glazing shall be hurricane Impact Resistant per section 08 41 13. Basis of design for glazing shall be FG-5100T StormMax by Oldcastle.

31. Please advise what the Aluminum Finish is: 08 41 13 Specification does not list any.

NASA RESPONSE: The aluminum finish is black.

32. Aluminum Door Hardware - Some aluminum door hardware is listed in the 08 41 13 specification but it is also listed in the 08 71 00 Hardware specification. Please advise what should be used for these aluminum doors.

NASA RESPONSE: Section 08 41 13 specifically states where to use section 08 71 00 for specific hardware.

33. Will the Superintendent be allowed to serve as Safety Officer?

NASA RESPONSE: Yes, the Superintendent will be allowed to serve as Safety Officer.

34. Is a separate QC manager required for the job?

NASA RESPONSE: Yes, a separate QC manager is required for the job.

35. With regard to metal panels, in comparison to the drawings, the wall panels on the building façade should be 0.125" thick aluminum (of 4mm aluminum composite) panels, not the 0.063" as specified due to size. Please advise.

NASA RESPONSE: The actual thickness of the building façade panels are .060".

36. No metal panel manufacturer is specified in the documents. Please advise if this needs to be the same as the flat roof manufacturer, or is this open?

NASA RESPONSE: There shall be one single source manufacturer as specified for the metal wall panel systems and roof system to assure single source liability for a sealed building envelope integrated system.

37. I would like to submit a substitution request for Soprema modified roof system as an option for the modified bituminous membrane roofing.

NASA RESPONSE: The bids need to be per specification. Requests for substitution will be considered via the submittal process after contract award.